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CR-129690

TO: ERTS Project Scientist, Code 650)
Attention: Dr. William Nordberg)

ERTS Scientific Monitor, Code 644)
Attention: Dr. Louis S. Walter)

ERTS Technical Officer, Code 480)
Attention: Mr. Edmund F. Szajna)

ERTS Contracting Office, Code 245)
Attention: Mr. John C. Blum)

Goddard Space Flight Center
Greenbelt, Maryland 20881

NASA Scientific and Technical Information Facility
Attn: Earth Resources
P.O. Box 33
College Park, Maryland 20740

SUBJECT: Type I Progress Report No. 4 on Contract No. NAS 5-21749 (Land Use
in Northern Megalopolis) (GFSC ID No. UN235)

1. Accomplishments.

a. Receipt of Imagery.

The receipt-of-imagery problem reported in the Type I report two months ago has been resolved, as far as the NDPF is concerned.

During the past 60 days our standing order brought us evidence that four different scenes of fully useful imagery were available, from Cycles V and VI. Together these four scenes cover 80% of the area we expect to map, namely the states of Massachusetts, Connecticut, Rhode Island and adjacent parts of New York.

The necessary transparencies for these four scenes have been ordered and received from Goddard, and passed to the General Electric commercial photo laboratory in Greenbelt for preparation of 1:250,000 CIR transparencies on which to map. These transparencies are due here this week. Mapping will begin upon receipt.

b. Accomplishments Planned for Next Reporting Period.

During the next 60 days it is hoped that we will be able to draft map all areas for which appropriate products are available.

2. Significant Results.

A "Significant Result" was reported in the Type II report forwarded on 19 December, and will not be repeated here. It concerned the production of the Preliminary Land Use Map of the State of Rhode Island, in September 1972.

3. List of Articles, Reports and Talks.

A Type-I six-monthly progress report was forwarded to E. Szajna under date of 19 December 1972.

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(E72-10357) LAND USE IN NORTHERN
MEGALOPOLIS Progress Report R.B.
Simpson (Dartmouth Coll.) 5 Jan. 1973
2 p


On 16-17 November Mr. Frank Burns and a TV crew from Audio Films, Inc., of New York City were on the campus to record a couple of minutes of an ERTS film.

The 90-day Data Analysis Plan is in work and will be forwarded shortly.

4. Data Request Forms Submitted.

A trip to Goddard on 27 November convinced this investigator that scene-corrected versions of MSS images will serve our needs better than the system-corrected ones requested in our original standing order, since for a small loss in locational accuracy there is a considerable gain in resolution.

Accordingly "bulk-type only" Data Request Forms for the four scenes referred to above were forwarded to Richard Holmes, NDPF User Services, with copies to Tech. Monitor E. Szajna and to G. Blackmore, under date of 30 November 1972.



Robert B. Simpson
Principle Investigator